

LOUIS STOKES VA MEDICAL CENTER, CLEVELAND																								
STEAM TRAP MONITORING SYSTEM, INSULATION AND PIPING UPGRADES																								
STEAM TRAP NO.	LOCATION	TRAP DRAWING REFERENCE NO.	AREA	TRAP TYPE	ELEV. AFF.	TRAP MODEL, MFG. & PIPE SIZE	P IN	EQUIPMENT SERVED	COND	REMARKS	NO WORK REQUIRED	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬
246	WEST PENTHOUSE #25-900 L.P. EOM DRP N	3-2-4	4	B	14	3/4" ARMSTRONG #11	10	STEAM MAIN DRP	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR WITH ARMSTRONG #811 PCA REPAIR KIT. 1" OFFICE AND BODY GASKET. INSPECTED #8212.												X		
247	WEST PENTHOUSE #25-900 AHUWEST-1-3 HUMIDIFIER UPPER DECK	3-2-4	4	F	1	3/4" SPIRAX FT-15	10M	HUMIDIFIER DRP	CP	STEAM TRAP IS COOLD. SHOULD BE HOT. INSPECT CONTROL VALVE OR FOR CONDENSATE LINE RESTRICTIONS. IF REQUIRED, REPAIR STEAM TRAP WITH TUNSTALL #FP-5M-15 FACE PLATE REPAIR KIT. INSPECTED #8212.												X		
248	WEST PENTHOUSE #25-900 AHUWEST-1-3 HUMIDIFIER UPPER DECK	3-2-4	4	F	1	3/4" SPIRAX FT-15	10M	HUMIDIFIER DRP	CP	STEAM TRAP IS COOLD. SHOULD BE HOT. INSPECT CONTROL VALVE OR FOR CONDENSATE LINE RESTRICTIONS. IF REQUIRED, REPAIR STEAM TRAP WITH TUNSTALL #FP-5M-15 FACE PLATE REPAIR KIT. INSPECTED #8212.												X		
249	EAST PENTHOUSE #25-900 HIGH PRESSURE DRP	3-2-5	5	B	3	3/4" SPIRAX B125H-125	115	STEAM MAIN DRP	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH SPIRAX #800M REPAIR KIT. NEW TAG. INSPECTED #8212.		X										X		
250	EAST PENTHOUSE #25-900 LOW PRESSURE DRP PRV STATION	3-2-5	5	F	3	3/4" SPIRAX FT-15	10M	STEAM MAIN DRP	OK	STEAM TRAP IS OK. BUT SHOWS WEAR. WHEN WORK, REPAIR WITH TUNSTALL #FP-5M-15 FACE PLATE REPAIR KIT. INSPECTED #8212.												X		
250A	EAST PENTHOUSE #25-900 N BACK OF MAIN PRV STATION. BY 6" SUPPLY GATE VALVE	3-2-5	5	F	12	3/4" SPIRAX B125H-125	115	STEAM MAIN DRP	CO	STEAM TRAP IS COOLD OUT OF SERVICE. IF REQUIRED, REPAIR STEAM TRAP WITH SPIRAX #800M REPAIR KIT. NEW TAG. INSPECTED #8212.														
250B	EAST PENTHOUSE #25-900 N BACK OF MAIN PRV STATION. BELOW 6" SUPPLY GATE VALVE. GRAVEL SPACE	3-2-5	5	B	46	3/4" SPIRAX B125H-125	115	STEAM MAIN DRP	BT	REPAIR DEFECTIVE STEAM TRAP WITH SPIRAX #800M REPAIR KIT. NEW TAG. INSPECTED #8212.														
251	BA-109 MECH ROOM AC-52 HUMIDIFIER INSIDE AHU RIGHT	3-B-5	5	F	2	3/4" SPIRAX FT-30	12	HUMIDIFIER	CO	STEAM TRAP IS COOLD OUT OF SERVICE. IF REQUIRED, REPAIR WITH TUNSTALL #FP-5M-15 FACE PLATE REPAIR KIT. SHOULD RELOCATE STEAM TRAP OUTSIDE OF AHU FOR EASE OF MAINTENANCE. HAS COPPER CONDENSATE LINE. INSPECTED #72512.							X					X		
252	BA-109 MECH ROOM AC-52 HUMIDIFIER INSIDE AHU LEFT	3-B-5	5	F	2	3/4" DUNHAM-BUSH 40-215	12	HUMIDIFIER	CO	STEAM TRAP IS COOLD OUT OF SERVICE. IF REQUIRED, REPAIR WITH TUNSTALL #FP-5M-15 FACE PLATE REPAIR KIT. SHOULD RELOCATE STEAM TRAP OUTSIDE OF AHU FOR EASE OF MAINTENANCE. INSPECTED #72512.							X					X		
253	BA-109 MECH ROOM AC-51 HUMIDIFIER INSIDE AHU RIGHT	3-B-5	5	F	2	3/4" DUNHAM-BUSH 40-215	12	HUMIDIFIER	CO	STEAM TRAP IS COOLD OUT OF SERVICE. IF REQUIRED, REPAIR WITH TUNSTALL #FP-5M-15 FACE PLATE REPAIR KIT. SHOULD RELOCATE STEAM TRAP OUTSIDE OF AHU FOR EASE OF MAINTENANCE. INSPECTED #72512.							X					X		
254	BA-109 MECH ROOM AC-51 HUMIDIFIER INSIDE AHU LEFT	3-B-5	5	F	2	3/4" SPIRAX FT-15	12	HUMIDIFIER	CO	STEAM TRAP IS COOLD OUT OF SERVICE. IF REQUIRED, REPAIR WITH TUNSTALL #FP-5M-15 FACE PLATE REPAIR KIT. SHOULD RELOCATE STEAM TRAP OUTSIDE OF AHU FOR EASE OF MAINTENANCE. INSPECTED #72512.							X					X		
255	BA-109 MECH ROOM HIGH PRESSURE DRP BY MEDICAL LAB COMPRESSOR	3-B-5	5	D	12	3/4" SPIRAX TD-52L	115	DRP TRAP	OK	STEAM TRAP IS OK. WHEN WORK, REPLACE WITH 3/4" SPIRAX B11-25 OR 3/4" ARMSTRONG #811-125 INVERTED BUCKET STEAM TRAP. HAS DIE-ELECTRIC UNION. INSPECTED #72512.			X				X					X		
256	SUB-ASSEMBLY BED PAN DRP E.O.M. COL. L6	3-SB-1	1	D	3	3/4" PROICIENT TECHNOLOGIES 1056137	0	STEAM MAIN DRP	CO	STEAM TRAP IS COOLD OUT OF SERVICE. IF REQUIRED, REPLACE WITH 3/4" SPIRAX B11-25 OR 3/4" ARMSTRONG #811-125 INVERTED BUCKET STEAM TRAP. INSPECTED #72512.							X							
257	SUB-ASSEMBLY COL. K5	3-SB-3	3	B	3	3/4" SPIRAX B11-25	40	STEAM MAIN DRP	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH SPIRAX #800M REPAIR KIT. HAS DIE-ELECTRIC UNION. INSPECTED #72512.							X							
258	SUB-ASSEMBLY COL. K3	3-SB-3	3	F	3	1" SPIRAX FT-15	115	STEAM MAIN DRP	BT	REPAIR DEFECTIVE STEAM TRAP WITH TUNSTALL #FP-5M-12 FACE PLATE REPAIR KIT. HIGH PRESSURE STEAM. CURRENT STEAM TRAP IS ONLY RATED FOR 15 PSIG. INSPECTED #72512.							X					X		
259	SUB-ASSEMBLY COL. K3	3-SB-3	3	D	1	3/4" SPIRAX TD-52	115	STEAM MAIN DRP	OK	STEAM TRAP IS OK. WHEN WORK, REPLACE WITH 3/4" SPIRAX B11-25 OR 3/4" ARMSTRONG #811-125 INVERTED BUCKET STEAM TRAP. INSPECTED #72512.							X					X		
260	STARWAY BY COL. C2	3-SB-3	3	B	3	3/4" SPIRAX B11-25	15	STEAM MAIN DRP	CP	STEAM TRAP IS COOLD-PLUGGED. (NEW TRAP) CHECK FOR CONDENSATE LINE RESTRICTION. IF REQUIRED, REPAIR STEAM TRAP WITH SPIRAX #800M REPAIR KIT. CONDENSATE IS BACKED-UP. REPLACE AS SOON AS POSSIBLE. INSPECTED #72512.														
261	STARWAY BY COL. F-12	3-SB-3	3	D	3	3/4" PROICIENT TECHNOLOGIES 1056137	15	STEAM MAIN DRP	CP	(NEW TAG) STEAM TRAP IS COOLD-PLUGGED. REPLACE WITH 3/4" SPIRAX B11-25 OR 3/4" ARMSTRONG #811-125 INVERTED BUCKET STEAM TRAP. CONDENSATE IS BACKED-UP. REPLACE AS SOON AS POSSIBLE. INSPECTED #72512.														
262	STARWAY BY COL. A12	3-SB-3	3	B	2	3/4" SPIRAX B11-25	15	STEAM MAIN DRP	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH SPIRAX #800M REPAIR KIT. INSPECTED #72512.												X		
263	STARWAY BY COL. H14	3-SB-3	3	D	3	1/2" PROICIENT TECHNOLOGIES H-5045	15	STEAM MAIN DRP	CO	STEAM TRAP IS COOLD OUT OF SERVICE. IF REQUIRED, REPLACE WITH 1/2" SPIRAX B11-125 OR 1/2" ARMSTRONG #811-125 INVERTED BUCKET STEAM TRAP. INSPECTED #72512.														
264	SUB-ASSEMBLY DOOR #8027 ROOM C-18 STORE ROOM	3-SB-4	4	B	4	3/4" SPIRAX B11-25	40	STEAM MAIN DRP	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH SPIRAX #800M REPAIR KIT. INSPECTED #72512.														
265	SUB-ASSEMBLY DOOR #8027 ROOM C-18 STORE ROOM	3-SB-4	4	B	3	3/4" SPIRAX B11-25	115	STEAM MAIN DRP	OK	STEAM TRAP IS OK. BUT SHOWS WEAR. WHEN WORK, REPAIR STEAM TRAP WITH SPIRAX #800M REPAIR KIT. INSPECTED #72512.														
266	SUB-ASSEMBLY DOOR #8027 ROOM C-18 STORE ROOM UNIT HEATER	3-SB-4	4	B	5	3/4" SPIRAX B11-25	15	STEAM MAIN DRP	CO	STEAM TRAP IS COOLD OUT OF SERVICE. (NEW TRAP) IF REQUIRED, REPAIR STEAM TRAP WITH SPIRAX #800M REPAIR KIT. INSPECTED #72512.														
267	SUB-ASSEMBLY DOOR #8027 ROOM C-18 STORE ROOM UNIT HEATER	3-SB-4	4	F	5	3/4" B&L FT-2015	15	UNIT HEATER	CO	STEAM TRAP IS COOLD OUT OF SERVICE. VALVED OFF. IF REQUIRED, REPAIR WITH TUNSTALL #FP-1M-15 FACE PLATE REPAIR KIT. INSPECTED #72512.														
268	SUB-ASSEMBLY COL. A28	3-SB-4	4	B	3	3/4" SPIRAX B11-25	15	STEAM MAIN DRP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPIRAX #800M REPAIR KIT. INSPECTED #72512.												X		
269	SUB-ASSEMBLY COL. K27	3-SB-4	4	B	2	1/2" SPIRAX B11-25	15	STEAM MAIN DRP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPIRAX #800M REPAIR KIT. AT COL. J23. 6 FT. OF 6" BARE 115 PSIG INSULATION. NEEDS INSULATION. INSPECTED #72512.														
270	SUB-ASSEMBLY COL. L30	3-SB-4	4	D	3	3/4" SPIRAX TD-52	70	STEAM MAIN DRP	OK	STEAM TRAP IS OK. WHEN WORK, REPLACE WITH 3/4" SPIRAX B11-25 OR 3/4" ARMSTRONG #811-125 INVERTED BUCKET STEAM TRAP. INSPECTED #72512.														
271	SUB-ASSEMBLY COL. L30	3-SB-4	4	B	3	1/2" SPIRAX B11-25	0	STEAM MAIN DRP	CP/LK	STEAM TRAP IS COOLD-PLUGGED. HAS NEW STEAM TRAP. CHECK FOR CONDENSATE LINE RESTRICTION. 3/4" GATE VALVE LEAKS CONDENSATE AT OUTLET. REPAIR. IF REQUIRED, REPAIR STEAM TRAP WITH SPIRAX #800M REPAIR KIT. INSPECTED #72512.														
272	SUB-ASSEMBLY COL. V33	3-SB-2	2	B	1	3/4" SPIRAX B125H125	115	STEAM MAIN DRP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPIRAX #800M REPAIR KIT. INSPECTED #72512.												X		
273	SUB-ASSEMBLY ENGINEERING DOOR COL. T7 & V7	3-SB-1	1	B	3	3/4" SPIRAX B11-25	115	STEAM MAIN DRP	CO	NEW TAG. STEAM TRAP IS COOLD OUT OF SERVICE. IF REQUIRED, REPAIR STEAM TRAP WITH SPIRAX #800M REPAIR KIT. 1" BARE STEAM LINE MAY NEED INSULATION. INSPECT (MAYBE REPAIR). HAS COPPER CONDENSATE LINE. INSPECTED #72512.														
274	SUB-ASSEMBLY ENGINEERING DOOR COL. T8 & V9	3-SB-1	1	B	3	3/4" SPIRAX B11-25	0	STEAM MAIN DRP	CO	NEW STEAM TRAP IS COOLD OUT OF SERVICE. IF REQUIRED, REPAIR STEAM TRAP WITH SPIRAX #800M REPAIR KIT. INSPECTED #72512.														
275	SUB-ASSEMBLY DOOR D-60 COL. V12	3-SB-1	1	B	1	3/4" SPIRAX B11-25	15	STEAM MAIN DRP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPIRAX #800M REPAIR KIT. INSPECTED #72512.														
276	SUB-ASSEMBLY DOOR D-60 COL. W12	3-SB-1	1	B	1	3/4" SPIRAX B11-25	15	STEAM MAIN DRP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPIRAX #800M REPAIR KIT. 6 FT. OF 4" BARE STEAM PIPE NEEDS INSULATION. 250 DGE. INSPECTED #72512.												X		
277	SUB-ASSEMBLY STAIRWELL #6 COL. L26	3-SB-4	4	D	1	3/4" SPIRAX TD-52L	115	STEAM MAIN DRP	OK	STEAM TRAP IS OK. WHEN WORK, REPLACE WITH 3/4" SPIRAX B11-25 OR 3/4" ARMSTRONG #811-125 INVERTED BUCKET STEAM TRAP. HAS COPPER CONDENSATE DISCHARGE PIPING. INSPECTED #72512.														
278	SUB-ASSEMBLY STAIRWELL #6 COL. Q4 BEHIND STAIRWAY CENTER	3-SB-2	2	B	2	1/2" SPIRAX B11-25	0	STEAM MAIN DRP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPIRAX #800M REPAIR KIT. INSPECTED #72512.														
279	SUB-ASSEMBLY COL. L39	3-SB-4	4	B	4	3/4" SPIRAX B11-25	115	STEAM MAIN DRP	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH SPIRAX #800M REPAIR KIT. INSPECTED #72512.														
280	MECH. ROOM #D-20	3-B-1	1	B	5	3/4" SPIRAX B11-25	15	STEAM MAIN DRP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPIRAX #800M REPAIR KIT. INSPECTED #72512.														
281	MECH. ROOM #D-20 AC-7 STEAM COIL	3-B-1	1	B	9	3/4" ARMSTRONG #11	15M	STEAM COIL	CP	STEAM TRAP IS COOLD. SHOULD BE HOT. INSPECT CONTROL VALVE OR CONDENSATE LINE FOR RESTRICTIONS. IF REQUIRED, REPAIR STEAM TRAP WITH ARMSTRONG #811 PCA REPAIR KIT. 1/4" OFFICE AND BODY GASKET. NO VACUUM BREAKER PRESENT. INSTALL TUNSTALL V-50M STEAM SERVICE VACUUM BREAKER AT COIL OUTLET. INSPECTED #72512.														
282	MECH. ROOM #D-20 HUMIDIFIER	3-B-1	1	D	2	3/4" PROICIENT TECHNOLOGIES 1056137	15	HUMIDIFIER	CO	STEAM TRAP IS COOLD OUT OF SERVICE. IF REQUIRED, REPLACE WITH 3/4" SPIRAX B11-25 OR 3/4" ARMSTRONG #811-125 INVERTED BUCKET STEAM TRAP. INSPECTED #72512.														
283	MECH. ROOM #D-20 STEAM COIL	3-B-1	1	F	1	3/4" SPIRAX FT-15	15M	STEAM COIL	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH TUNSTALL #FP-5M-15 FACE PLATE REPAIR KIT. REMOVE EXTERNAL AIR UNIT FROM STEAM SUPPLY. NO VACUUM BREAKER PRESENT. INSTALL TUNSTALL V-50M STEAM SERVICE VACUUM BREAKER AT COIL OUTLET. INSPECTED #72512.												X		
284	MECH. ROOM #D-20 AC-4 STEAM COIL	3-B-1	1	F	1	1 1/2" SPIRAX FT-15	15M	STEAM COIL	CO	REPAIR DEFECTIVE STEAM TRAP WITH TUNSTALL #FP-5M-15 FACE PLATE REPAIR KIT. HAS COPPER CONDENSATE PIPING DISCHARGE. EXISTING VACUUM BREAKER TIED INTO CONDENSATE LINE. INSTALL TUNSTALL 3/4" STEAM SERVICE VACUUM BREAKER OPEN TO ATMOSPHERE. INSPECTED #72512.														
285	MECH. ROOM #D-20 AC-3 PRE-HEAT STEAM COIL	3-B-1	1	F	3	1 1/4" SPIRAX FT-15	15M	STEAM COIL	LK	REPAIR DEFECTIVE STEAM TRAP WITH TUNSTALL #FP-5M-15 FACE PLATE REPAIR KIT. HAS COPPER CONDENSATE PIPING DISCHARGE. EXISTING VACUUM BREAKER TIED INTO CONDENSATE LINE. INSTALL TUNSTALL 3/4" STEAM SERVICE VACUUM BREAKER OPEN TO ATMOSPHERE. INSPECTED #72512.														

- COLUMN REFERENCE NOTES:
- ① FURNISH AND INSTALL AN ACOUSTIC WIRELESS STEAM TRAP MONITORING SENSOR PER SPECIFICATIONS. SECTION 2322.13.
  - ② REPLACE OR REPAIR STEAM TRAP IN ACCORDANCE WITH DESCRIPTION IN REMARKS COLUMN.
  - ③ REMOVE STEAM TRAP AND ALL ABANDONED CONDENSATE PIPING TO A POINT WHERE THE CONDENSATE LINE IS LIVE. CAP.
  - ④ REPAIR STEAM/CONDENSATE LEAK IN ACCORDANCE WITH DESCRIPTION IN REMARKS COLUMN.
  - ⑤ COLD STEAM TRAPS: REPAIR THE VALVES, CONTROLS ETC. AS DESCRIBED IN THE REMARKS COLUMN. INVESTIGATE AND DETERMINE THE REASON FOR ANY OTHER NONFUNCTIONING STEAM TRAP THAT WERE FOUND TO BE COLD. FIX ALL ITEMS FOUND TO BE NEEDING REPAIR. FOR PURPOSES OF THIS BID, ASSUME THE CONTROL VALVES REQUIRE REPAIR OR REPLACEMENT.)
  - ⑥ REPLACE THE EXISTING COPPER PIPING WITH NEW STEEL PIPE AND REPLACE THE EXISTING DIELECTRIC UNIONS AND FITTINGS WITH EQUIVALENT SIZES. SEE THE REMARKS COLUMN FOR REQUIRED WORK. SEE THE SPECIFICATIONS FOR THE REQUIRED MATERIALS AND FITTINGS. INSULATE ALL NEW & EXISTING DAVE PIPE.
  - ⑦ FURNISH AND INSTALL NEW STEAM VACUUM BREAKERS IN ACCORDANCE WITH THE REMARKS COLUMN.

- ⑧ FURNISH AND INSTALL NEW V-STRAINERS BETWEEN SHUT-OFF VALVE AND INLET TO STEAM TRAP.
- ⑨ REPIPE ELEVATED CONDENSATE PIPING AT LOCATIONS NOTED. SEE DETAILS ON DRAWINGS (3-FPH-1 (4-02) (4-03) (4-04) (4-05) (4-06) (4-07) (4-08) (4-09) (4-10) (4-11) (4-12) (4-13) (4-14) (4-15) (4-16) (4-17) (4-18) (4-19) (4-20) (4-21) (4-22) (4-23) (4-24) (4-25) (4-26) (4-27) (4-28) (4-29) (4-30) (4-31) (4-32) (4-33) (4-34) (4-35) (4-36) (4-37) (4-38) (4-39) (4-40) (4-41) (4-42) (4-43) (4-44) (4-45) (4-46) (4-47) (4-48) (4-49) (4-50) (4-51) (4-52) (4-53) (4-54) (4-55) (4-56) (4-57) (4-58) (4-59) (4-60) (4-61) (4-62) (4-63) (4-64) (4-65) (4-66) (4-67) (4-68) (4-69) (4-70) (4-71) (4-72) (4-73) (4-74) (4-75) (4-76) (4-77) (4-78) (4-79) (4-80) (4-81) (4-82) (4-83) (4-84) (4-85) (4-86) (4-87) (4-88) (4-89) (4-90) (4-91) (4-92) (4-93) (4-94) (4-95) (4-96) (4-97) (4-98) (4-99) (4-100) (4-101) (4-102) (4-103) (4-104) (4-105) (4-106) (4-107) (4-108) (4-109) (4-110) (4-111) (4-112) (4-113) (4-114) (4-115) (4-116) (4-117) (4-118) (4-119) (4-120) (4-121) (4-122) (4-123) (4-124) (4-125) (4-126) (4-127) (4-128) (4-129) (4-130) (4-131) (4-132) (4-133) (4-134) (4-135) (4-136) (4-137) (4-138) (4-139) (4-140) (4-141) (4-142) (4-143) (4-144) (4-145) (4-146) (4-147) (4-148) (4-149) (4-150) (4-151) (4-152) (4-153) (4-154) (4-155) (4-156) (4-157) (4-158) (4-159) (4-160) (4-161) (4-162) (4-163) (4-164) (4-165) (4-166) (4-167) (4-168) (4-169) (4-170) (4-171) (4-172) (4-173) (4-174) (4-175) (4-176) (4-177) (4-178) (4-179) (4-180) (4-181) (4-182) (4-183) (4-184) (4-185) (4-186) (4-187) (4-188) (4-189) (4-190) (4-191) (4-192) (4-193) (4-194) (4-195) (4-196) (4-197) (4-198) (4-199) (4-200) (4-201) (4-202) (4-203) (4-204) (4-205) (4-206) (4-207) (4-208) (4-209) (4-210) (4-211) (4-212) (4-213) (4-214) (4-215) (4-216) (4-217) (4-218) (4-219) (4-220) (4-221) (4-222) (4-223) (4-224) (4-225) (4-226) (4-227) (4-228) (4-229) (4-230) (4-231) (4-232) (4-233) (4-234) (4-235) (4-236) (4-237) (4-238) (4-239) (4-240) (4-241) (4-242) (4-243) (4-244) (4-245) (4-246) (4-247) (4-248) (4-249) (4-250) (4-251) (4-252) (4-253) (4-254) (4-255) (4-256) (4-257) (4-258) (4-259) (4-260) (4-261) (4-262) (4-263) (4-264) (4-265) (4-266) (4-267) (4-268) (4-269) (4-270) (4-271) (4-272) (4-273) (4-274) (4-275) (4-276) (4-277) (4-278) (4-279) (4-280) (4-281) (4-282) (4-283) (4-284) (4-285) (4-286) (4-287) (4-288) (4-289) (4-290) (4-291) (4-292) (4-293) (4-294) (4-295) (4-296) (4-297) (4-298) (4-299) (4-300) (4-301) (4-302) (4-303) (4-304) (4-305) (4-306) (4-307) (4-308) (4-309) (4-310) (4-311) (4-312) (4-313) (4-314) (4-315) (4-316) (4-317) (4-318) (4-319) (4-320) (4-321) (4-322) (4-323) (4-324) (4-325) (4-326) (4-327) (4-328) (4-329) (4-330) (4-331) (4-332) (4-333) (4-334) (4-335) (4-336) (4-337) (4-338) (4-339) (4-340) (4-341) (4-342) (4-343) (4-344